

## Abstract

An integrated control system includes a main control system controlling a driving system, a main control system controlling a brake system, and a main control system controlling a steering system, an adviser unit generating and providing information to be used at each control system based on environmental information around the vehicle or information related to a driver, an agent unit generating and providing information to be used at each of the main control systems to cause the vehicle to realize a predetermined behavior, and a supporter unit generating and providing information to be used at each of the main control systems based on the current dynamic state of the vehicle.